

FIG. 1

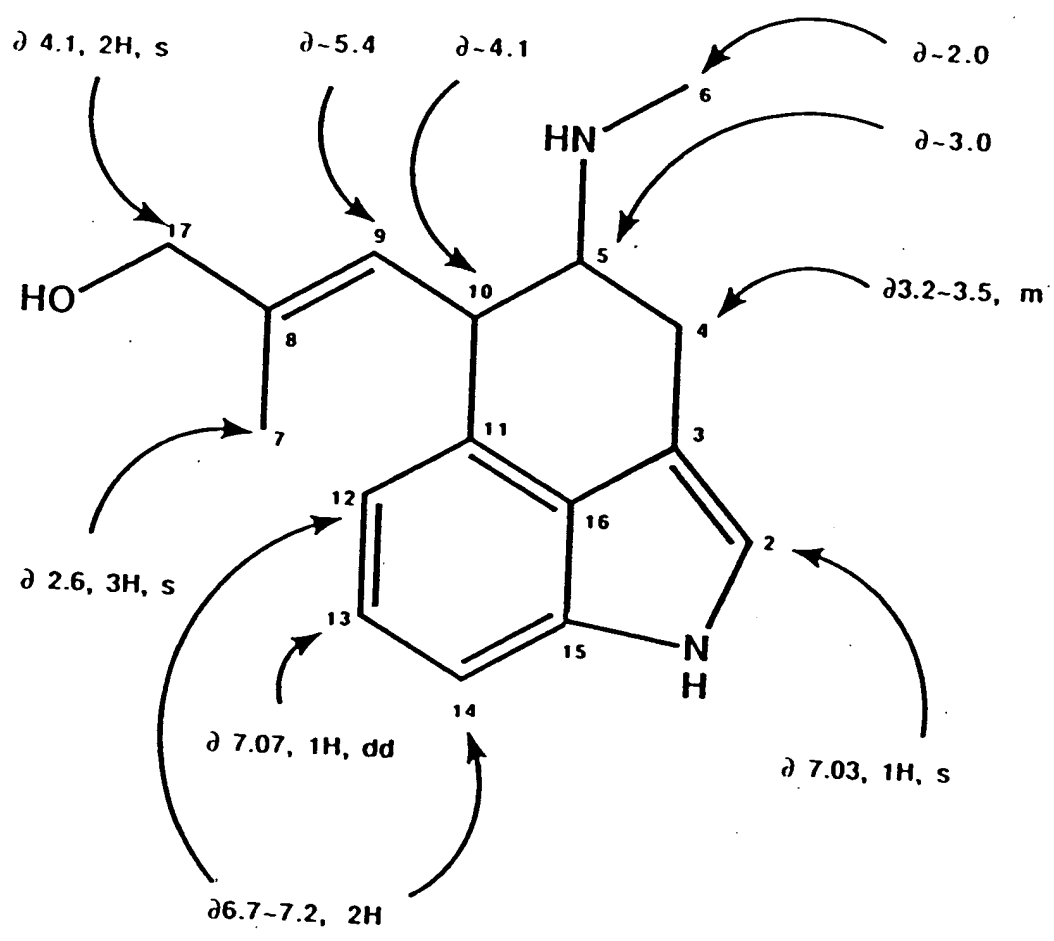


FIG. 2

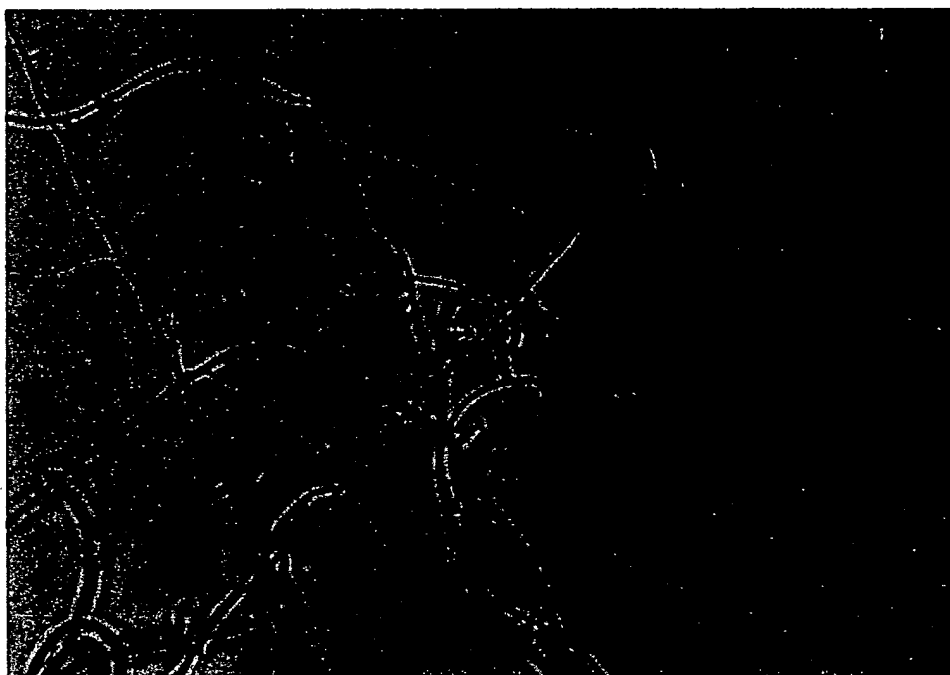
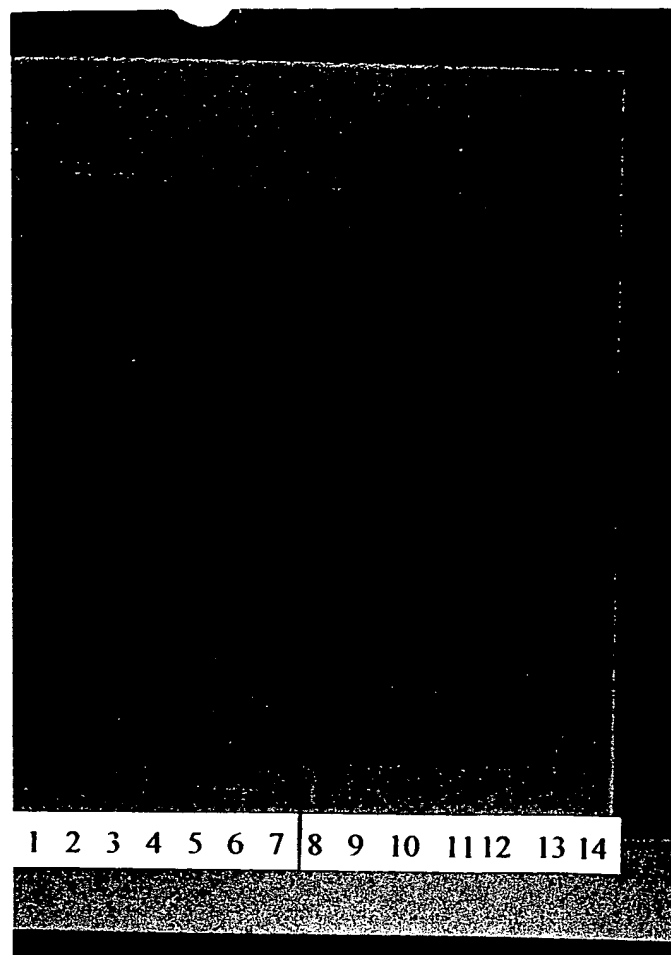
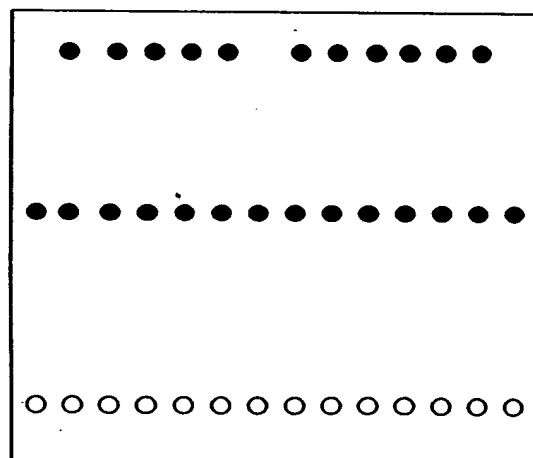


FIG. 3

R-7470
3/8



A

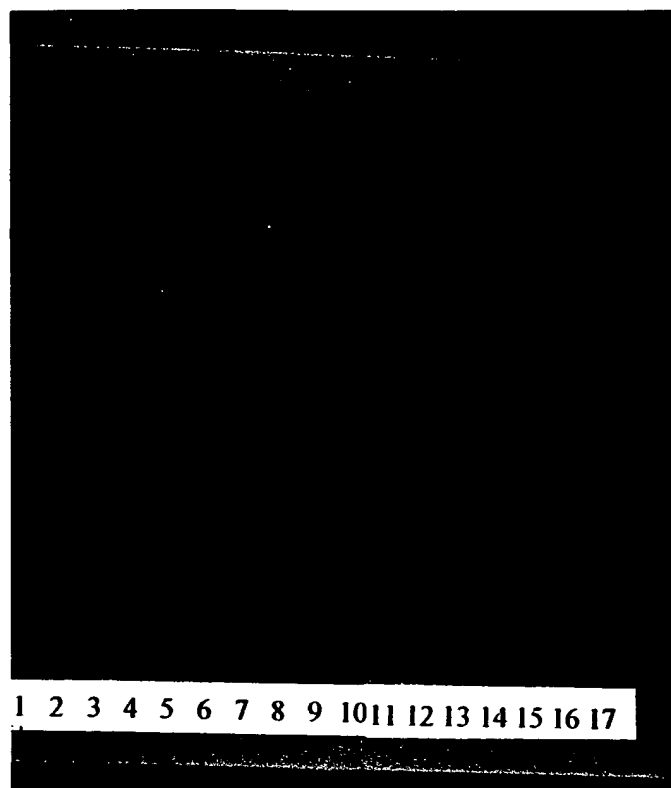


Lane 1
Lane 2
Lane 3
Lane 4
Lane 5
Lane 6
Lane 7
Lane 8
Lane 9
Lane 10
Lane 11
Lane 12
Lane 13
Lane 14

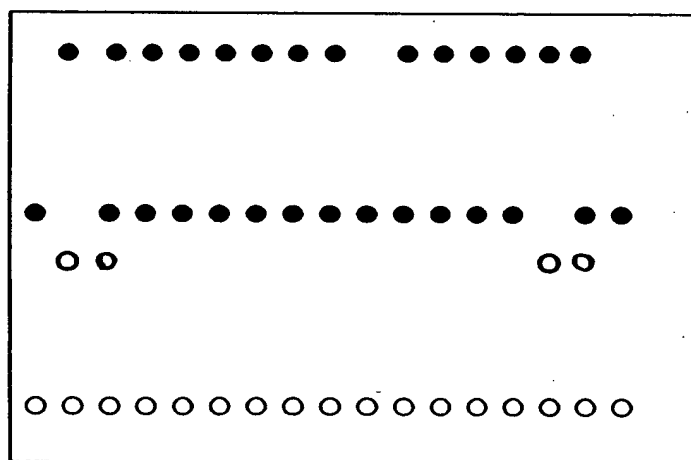
Lanes 1,7,14: Chanoclavine sample
Lanes 2,3,4,5,6,8,9,10,11,12,13: Extracts of plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology

B

FIG. 4



A



Lane 1 Lane 2 Lane 3 Lane 4 Lane 5 Lane 6 Lane 7 Lane 8 Lane 9 Lane 10 Lane 11 Lane 12 Lane 13 Lane 14 Lane 15 Lane 16 Lane 17

Lanes 1,10,17: Chanoclavine sample
 Lanes 2,15: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology
 Lanes 3,16: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed samples
 Lanes 4,6,8,11,13: Extracts of plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 Lanes 5,7,9,12,14: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed samples

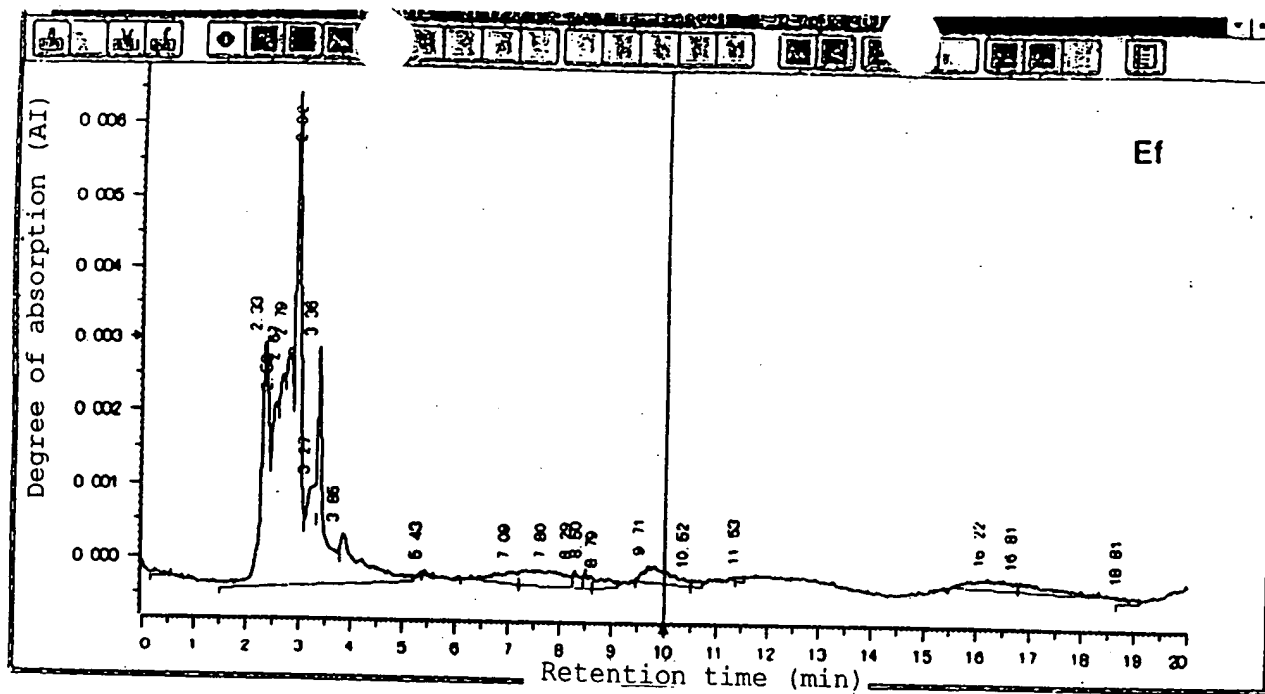


FIG. 6

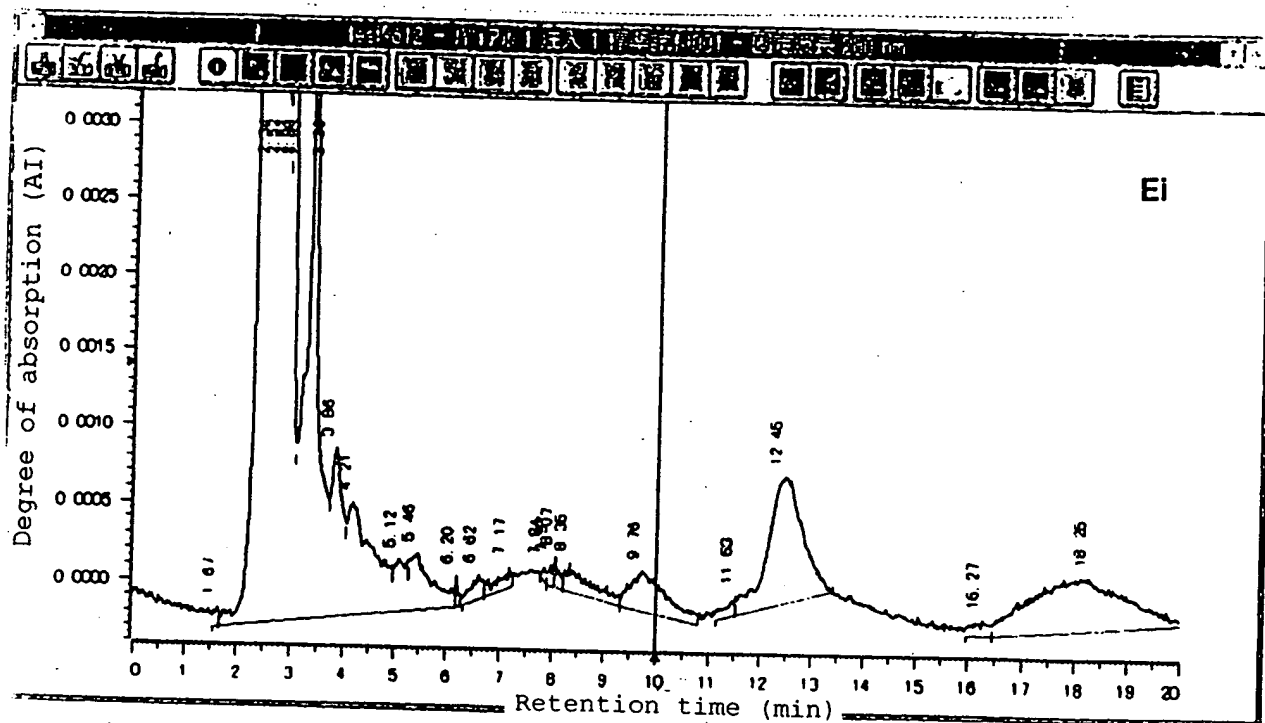
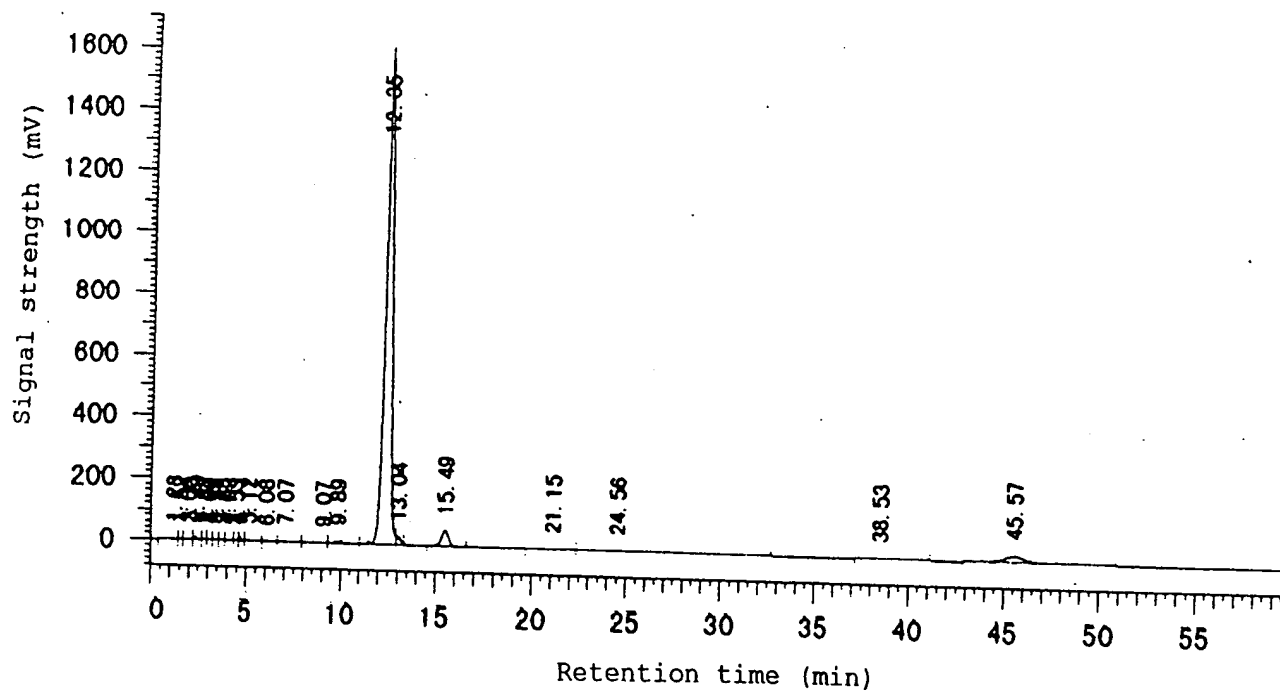


FIG. 7

K-1970
6/8



U-1990
7/8

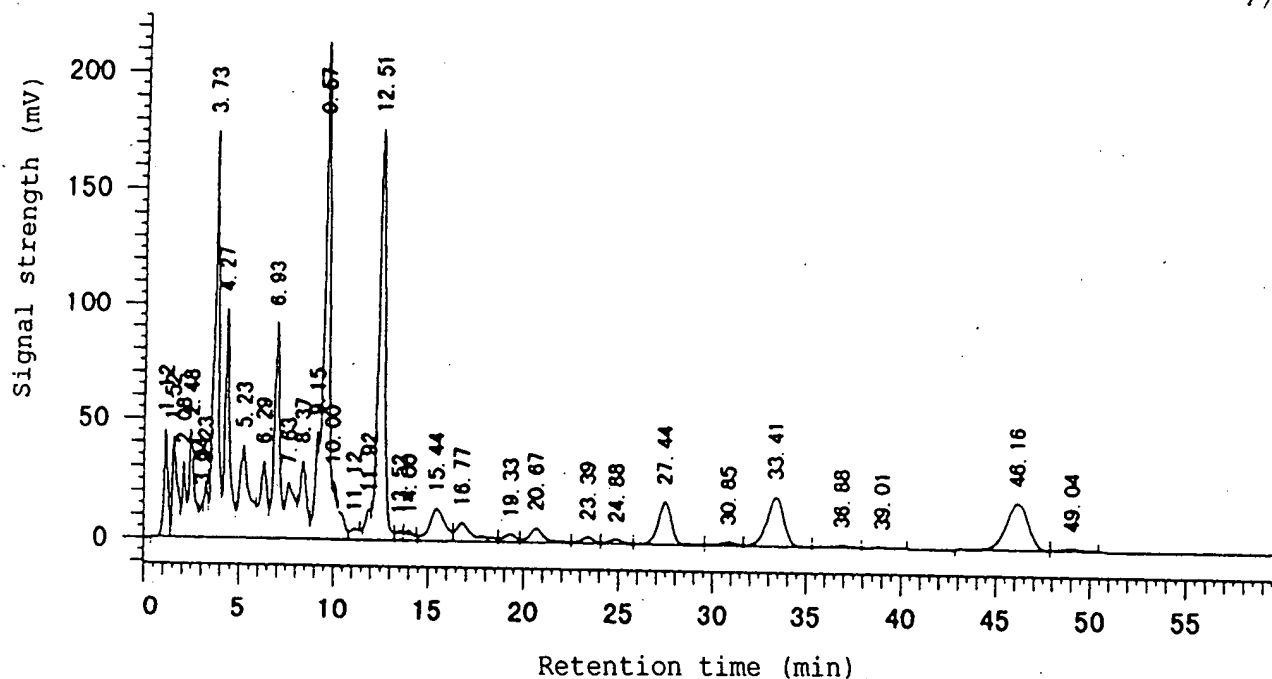


FIG. 9

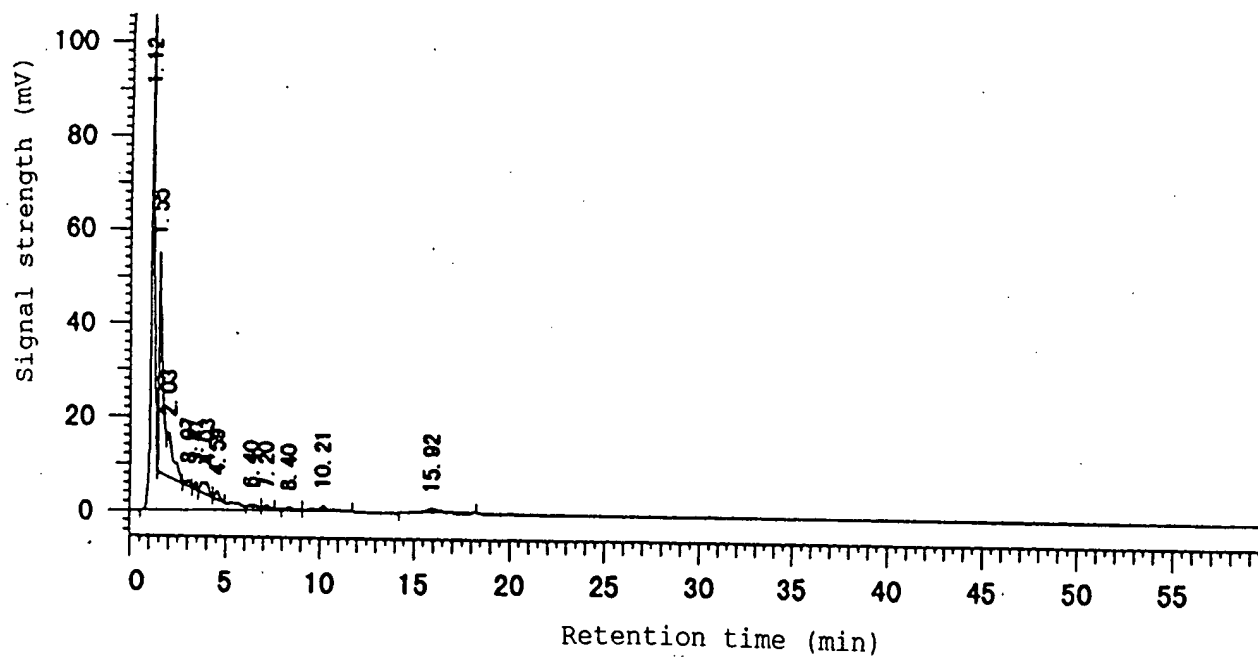
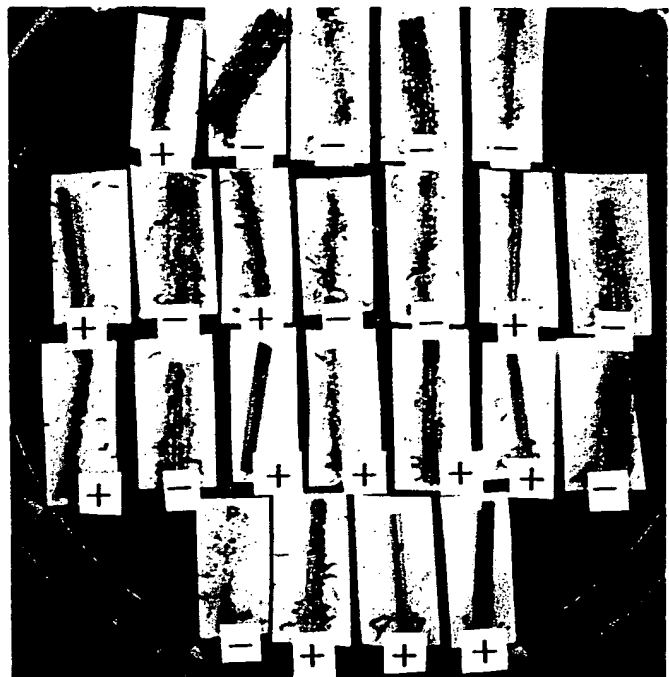


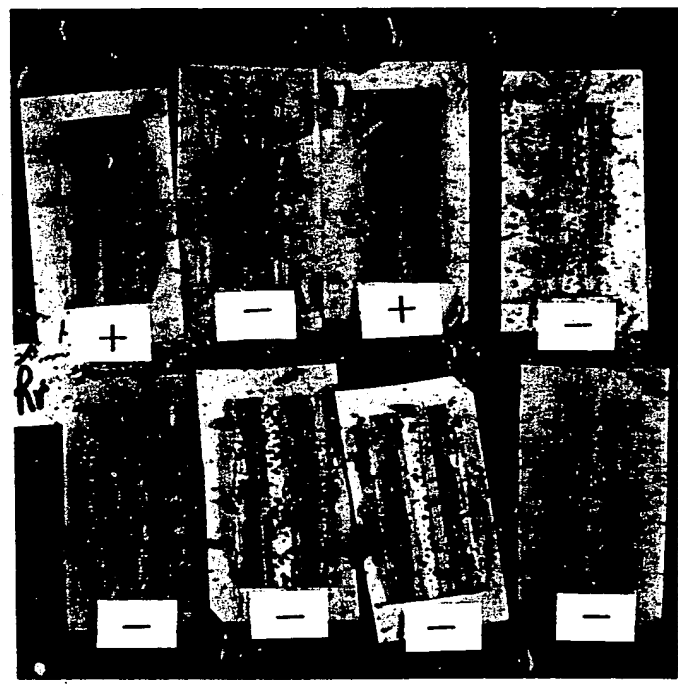
FIG. 10

FOOTED 06542860



+: Plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 -: Plants infected with endophytes other than those deposited at the Japanese National Institute of Bioscience and Human Technology

F I G . 1 1



+: Plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 -: Plants infected with endophytes other than those deposited at the Japanese National Institute of Bioscience and Human Technology

F I G . 1 2

TOE010"065h2860